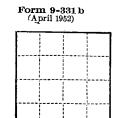
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Scout Report sent out				
Noted in the NID File		12 2		
Location map pinned				
Approval or Disapprova	l, Letter	P		
Date Completed, P. & A operations suspended	4. or 6-16-	39		
Pin changed on location	map			
Affidavit and Record of	f A & P		•	
√ater Shut-Off Test				
Gas-Oil Ratio Test				
Well Log Filed		102		
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				to the second second second
	FILE NOTATIONS			
	Friend in NID File	V	Checked by Chief	
	Entered On S.R. Sheet	V	Copy NID to Field Office	***********************
er en	Location Map Pinned	V	Approval Letter	
	Card Indexed		Disapproval Letter	************
	IWR for State or Fee Land	*******		
	COMPLETION DATA			
	Date Well Completed	•	Location inspected	74
	ow V		Bond released	
	GW CS	. PA	State of Foe Land	430 40 PC 27 PC 20 C 20 C 20 PC PC
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	Driller's Log 9-3	-59		
	Electric Logs (No.	1— <u>v</u>		_
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Lat..... Mi-L Sonic Others...



(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Indian Agency	•
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Allottee	

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	I	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR.
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT.
NOTICE OF INTENTION TO PULL OR ALTER CASING	-	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL.		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

		Cortes, C	clerede	May 13	1059
Navajo "A"					, 1/
Well No. is locat	ed 2000 ft	. from $\mathbb{R}^{\mathbb{N}}$ line ar	nd 660 ft. fr	om $\{W\}$ line of s	sec. 4
SW, BW Sec. 21	418	245	SIM		
(¼ Sec. and Sec. No.)	(Twp.)	(Range)	(Meridian)		
Mile Mesa	San Jy	AR	U	ich	
(Field)		ounty or Subdivision)		(State or Territory)	
The elevation of the destal	ed ground above se	a level is 4760.4	ft.		

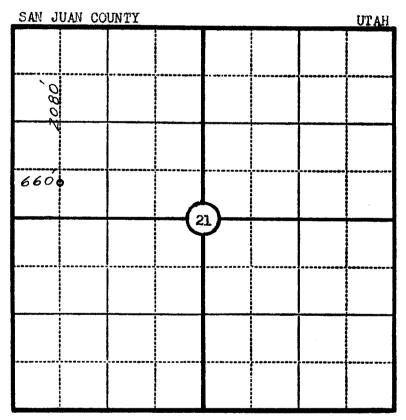
DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Drill 17-1/2" hole to approximately 160', set 160' of 13-3/8" conductor pipe and cement to surface. Drill 11" hole to approximately 1600', set 8-5/8" easing and cement to surface. Drill 7-7/8" hole to total depth of approximately 5600', run 5-1/2" easing and cement with approximately 250 sacks cement. Complete in Desert Creek Fermation.

I understand	d that this plan of work must receive approval in writing	by the Geological Survey before operations may be commenced.
Company	Phillips Petroleum Company	
Address	P. O. Drawer 1150	go ,
	Cortes, Coloredo	Byc. F. Blos
		C. M. HOLDS
		Title District Superintendent

Company	PHILLIPS PETROLE	UM COMPANY
Lease	ravajo "a"	Well No.
	, T. 41 SOUTH , R	
Location	2080 FROM THE NORTH I	LINE AND 660' FROM
Elevation	4760.4 UNGRADED GROUI	ND .



Scale-4 inches equal 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal:

Registered Land Surveyor.

James P. Leese

Utah Reg. No. 1472

Phillips Petroleum Company P. O. Drawer 1150 Cortez, Colorado

Attention: C. M. Boles, District Supt.

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill well No. Navajo A-18, which is to be located 2080 feet from the north line and 660 feet from the west line of Section 21, Township 41 South, Range 24 East, SIM, San Juan County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well is not spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT EXECUTIVE SECRETARY

CBF: cp

cc: Phil McGrath, Dist. Eng. USGS, Farmington, New Mexico



Form 9-331 b (April 1952)				
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(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Indian Age	ney Have je
Allottee	Tribal
Lease No.	14-20-603-35

	AND REPORTS ON WELLS
NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING SUBSEQUENT REPORT OF ALTERING CASING SUBSEQUENT REPORT OF REDRILLING OR REPAIR SUBSEQUENT REPORT OF ABANDONMENT

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

		Dortes,	Colorado	September	1 19 59
Havaje "A" Well No. 18 is lo	cated 2000 ft.	from N line ar	nd 660 ft. f	$\operatorname{rom} \left\{ egin{array}{c} \mathbf{X} \\ \mathbf{W} \end{array} \right\} \operatorname{line} \mathbf{o}$	sec. 21
SW, MW Sec. 21	413	24E	SIM		
(¼ Sec. and Sec. No.)	(Twp.)		(Meridian)	Utah	
(Field) The elevation of the decide	(Cour	nty or Subdivision)	ı ♣ ı.	(State or Territor)	r)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cement-ing points, and all other important proposed work)

Spudded 5:00 A.M. 5-22-59. Drilled 17-1/4" hole to 1651. Set and cemented 4 jts. 27.1# Armso SW SJ, 1 jt. 48# H-40 Srd STeC, 1 jt. 36# J-55 3 SJ casing at 1651 with 175 ax. regular cement, 2% Calcium Chloride. Pumped plug to 140' at 5:15 P.M. 5-22-59. Girculated 50 sx. coment to surface.

Drilled 11" hole to 1521'. Set and cemented 8-5/8" 24# 8rd J-55 ST&C casing with Baker float collar and guide shoe at 1520,49° with 330 am. regular coment, 126 am. Diacel D, 620# Caleium Chloride, 165# Plocele, 660# Tuff Plug fellowed with 125 ax. regular coment. Pemped plug to 1493 with 1700# at 1:05 A.M. 5-25-59. Circulated estimated 175 cm. ft. to surface and dropped back, Filled ansmius with 100 ax. regular cement, 2% Calcium Chloride. W.O.C. 24 hours. Tested casing to 750# 30 minutes - held okay. (Continued on reverse side

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company	Phillips Petroleum Company	
-	P. 0. Drawer 1150	e de la companya del companya de la companya del companya de la co
Address	Cortes, Colorado	By C. M. Boles Title District Superintendent
		Title District Superintendent

Drilled 7-7/8" hole to 5766' 7:45 A.M. 6-12-59. Ran Schlumberger ES Induction Micro Caliper, Gamma-Ray-Neutron legs to 5767'. Set and comented 178 jts. 5-1/2" OD 14# J-55 8rd thd ST&C casing at 5764.62' with 132 mx. coment, 100 sx. Diacel "D", 496# calcium chloride. Pumped plug to 5736 at 7:30 A.M. 6-13-59. W.O.C. 24 hours. Tested casing to 1000f for 30 minutes - held o.k.

ر ما	Form 9-331 b (April 1952)				
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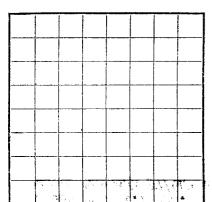
(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

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Allottee	Tribal
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NOTICE OF INTENTION TO SHOOT OR A		i li		ISTORY	🖤
NOTICE OF INTENTION TO ABANDON I					
(INDICATI	E ABOVE BY CHECK !	MARK NATURE OI	f report, notice, of	ROTHER DATA)	
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(½ Sec. and Sec. No.)	San d	_	(2.2.	Utah	
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	DE	ETAILS OF	WORK	posed casings; indicate m	udding jobs, ceme
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Form 9-330



U. S. LAND OFFICE Navajo
SERIAL NUMBER 14-20-603-355
LEASE OR PERMIT TO PROSPECT Tribal

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Size cash where set Number sacks of cement Method used Mud gravity Amount of mud used 1.3/8 1.65 1.75		ı y Phi	111	a Pets	plam		Addres	y. O.Drawer	1150, C	ortes, C	olorad
Coation 2830 ft. S. Line and				_ ~							
The information given herewith is a complete and correct record of the well and all work done there of ar as can be determined from all available records. Signed Date September 2, 1959 Title Utatrict Superintendent The summary on this page is for the condition of the well at above date. Commenced drilling Say 22, 1959, 19 Finished drilling June 12, 1959. OIL OR GAS SANDS OR ZONES (Denote gas by G) No. 1, from to No. 5, from to No. 5, from to No. 2, from to No. 5, from to No. 6, from to No. 7, from to No. 7, from to No. 8, from to No. 8, from to No. 8, from to No. 4, from to No. 6, from to No. 6, from to No. 7, from to No. 8, from to No. 8, from to No. 8, from to No. 9, from to No. 8, from to No. 9, from to No	Well No	. 18	Se	c. 21 . 1	r. 415R	. 24E Me	ridian	Co	unty \$4	n Juan	
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			.% sediment.					
If gas v	vell, cu. ft	t. per 24 ho	ırs	Gall	lons gaso	oline per 1,000 cu	ı. ft. of gas	
Rock p	ressure, ll	bs. per sq. i	^{n.} 142 3 (•	900)				
li'a	: 	~~~	, Driller	EMPLOYE			, I	\nilla
	1	-	Driller				, E	
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2420	2	537	117		Moenkip	i		
2537	2	627	90		Cutler	- Hoskinini	Fenrivalent	
							•	
2627	2	820	193	•	Cutler	- De Chelly N	ember	
2820	4.	573	1753		Cutler	- Organ Rock	Member	
4573	5	416	843		ionaker	Trail		
5416	5	76 6	350	1	Casart.	Creek (Parado	and)	
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FORMANDO VICORES CONTRACTOR

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1410-

16 S. C.

2 1888 7 4 KBC

16-43094-4

[,6195] Jack

\$30 m \$2.50 m \$3.

HISTORY OF OIL OR GAS WELL

BITTING THIS VEHILLE

14 - 00 A H / DE - CT

C1/28:11

9.6

SOMETHING.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Spudded 5:00 A.M. 5-22-59. Drilled 17-1/4" hole to 165. Set and temented 4 its. 27.1# Armco SW SJ, 1 jt. 48# H-40 ere 380, 1 jt. 36# J-55 SW SJ casing at 165 with 175 and regular coment, 2% Coleium Chloride. Pumped plug to 140' at 5:15 P.M. 5-22-59. Circulated 50 Bx. cement to surface.

Drilled 11" hole to \$1 1521 5 Set and comment of 8" 24# 8rd J-55 ST&C casing with Baker float collar and guide shoe at 1520,49! with 330 sx. regular cement, 126 sx. Diacel "D", 620# Calcium Chloride, 165# Flocele, 660# Tuff Plug followed with 125 sx. regular cement. Pumped plug to 1493 with 1700# at 1:05 A.M. 5-25-59. Circulated estimated 175 su. ft. to surface and dropped back. Filled annulus with 100 sx. regular cement, 2% Calcium Chloride. W.O.C. 24 hours. Tested casing to 750# for 30 minutes - held okay. THE SAMPS OF ZONE

Computation quality hale to 57661 7:45 & H. 6-12-59. Ren Schlumberger & Induction Micro Caliner, Gamma-Ray-Neutron logs to 5767. Set & cemented 178 jts. 5-1/2" OD 14#
J-55 8rd thd TSC casing at 5764.62 with 132 sx. cement, 100 sx. Diacel "D", 496# Tested casing to 1000# for 30 minutes - held o.k.

Picked two inguity and tagged bottom at 5736 (top cement plus) Pulled tubing and Picked two has and Lagged bottom at 5736. Perforated Desert Creek (5-1/2" casing) could be shots/feet will and in measurements from 5562-5601. Mc 2-7/8" OD BUE tubing with Baker All hookwall packer and set tubing at 5729.42". Packer at 5475'. Released rotary 12:00 noon 6-14-59.

Conflored in Biving & Sport well Service Unit rigged up, displaced water with 92 BO. Acidised Desert Creek perforations (5562 to 5601) with 4000 gallons 15% regular acid 16-16-59-17 Memissan pressure 3500#, minimum pressure 2000#. Treating rate 4.3 BPM. Finsh rate 1.1 BPM. Bled from 9699 to 1100 in 2 minutes. Ploud 11, 10, no water through 37/64" choke in 24 hours 5-16-59. COR 494. FIF IIM.

GEOLOGICAL SURVEY

POWALNESS OF LEFT REPRESE

ALTERNATION OF THE

THE LOT DISCUSSION OF THE

100
K D

Form 9-331 b (April 1952)

(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Indian Age	ney
Allettes	Tribal
Lease No	14-20-603-35

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS.		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.		SUBSEQUENT REPORT OF ABANDONMENT.
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL.		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

						Cortes, C	oloredo	Kay	3,	, 19_	<u>61</u>
Mar Well N	va.jo Io		i	s located	080 ft.	from [N] lin	e and 660	ft. from	W line of	sec21	.
SM,	W,	Sec.	21		418	24B	SIM		()		
	(34 Bec.	and Sec.	No.)		(Twp.)	(Range)		(Meridian)	-		
1.7.6	I 1	Rethe	rford		San J	nan		Utah			
		(Field)				unty or Subdivision		(St	ate of Territory)		
The el	evatio	on of t	he da	ungruded sickelieus	above sea	level is 476	O.Aft.				

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Pull rods and 2-1/2" tubing; run 3-1/2" OD tubing; frae with 40,000 gallons treated salt water with 3100% 12/16 mesh aluminum pellets; pull 3-1/2" OD tubing, re-run 2-1/2" mubing and rods; return wall to production.

I understand that this plan of work must receive approval in writing by the	Geological Survey before operations may be commenced.
Company Phillips Petroleum Company	
Address P. O. Box 1150	
Cortes, Colorado	By Chersola
	C. M. Boles Title District Superintendent
	Title District Superintendent
U. S. GOVERNMENT PRINTING OFFICE	168437b-8

WAY.	·	′ ். 0 n. 9-8 pril 19		
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(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Bud Apr	get Bureau No. 42–R359.4. proval expires 12–31–60.
Indian Age	NEAS-
4	Tribal
Allettee	L-20-603-355

NOTICE OF INTENTION TO DRILL		SUBSEQUEN	r report o	F WATER SHUT	-OFF	
NOTICE OF INTENTION TO CHANGE P		1 11			R ACIDIZING	1.
NOTICE OF INTENTION TO TEST WAT		1 11			ASING	
NOTICE OF INTENTION TO REDRILL	OR REPAIR WELL	1 11			OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR	R ACIDIZE	SUBSEQUEN	T REPORT O	F ABANDONME	NT	
NOTICE OF INTENTION TO PULL OR	ALTER CASING	SUPPLEMEN	TARY WELL	HISTORY		
NOTICE OF INTENTION TO ABANDON	WELL			******		
(INDICAT	TE ABOVE BY CHECK MA	ARK NATURE OF REPOR	T, NOTICE,	OR OTHER DATA	v	
,		May	22, 19	61		, 19
Havajo #A"	. 00.00					
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SN NW Sec. 21	ผร	24E		IM)	
(1/4 Sec. and Sec. No.)	(Twp.)	(Range)		Meridian)	-	
Ratherford	San Juan	- · ·	<i>^</i>	Utah		
(Field) ungraded	ground	unty or Subdivision)		(b)	ate or Territory)	
	DFT	CAILS OF WO	RK			
		TAILS OF WO		onored codes	Indiante	ng johe
tate names of and expected depths to	o objective sands; show	w sizes, weights, and le all other important p	ngths of pro roposed wor	oposed casings; rk)	indicate muddi	ng jobs, ceme
flaw of haven the	o objective sands; showing points, and	w sizes, weights, and le all other important p	ngths of pro roposed wor	2-1/2" E	UE tubing	. Insta
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Form 9-331 (May 1963)	UNITED STATES	SUBMIT IN TRIPLICATE (Other instructions on re	buuget bure	eau No. 42-R1424.
	DEPARTMENT OF THE INTER	IOR verse side)	5. LEASE DESIGNATION	AND SERIAL NO.
	GEOLOGICAL SURVEY		14-20-603	
	DRY NOTICES AND REPORTS		6. IF INDIAN, ALLOTTE	CE OR TRIBE NAME
(Do not use this is	orm for proposals to drill or to deepen or plug Use "APPLICATION FOR PERMIT—" for such p	proposals.)	Navajo - Tr	ibal
1.			7. UNIT AGREEMENT N	
WE'LL GAS WELL	OTHER		SW-I-4192	
2. NAME OF OPERATOR		* 1	8. FARM OR LEASE NA	ME
Phillips Petro	oleum Company	7ECE/1/17 - 278	Ratherford	Unit
3. ADDRESS OF OPERATOR		10V 27 191	9. WELL NO.	
Box 2920, Cas	per. Wyoming 82602	MOV THE TOTAL	21-12	
4. LOCATION OF WELL (Re	port location clearly and in accordance with any		10. FIELD AND POOL, O	OR WILDCAT
At surface	•••	E GAS. & A	Greater And	eth
			11. SEC., T., R., M., OR SURVEY OR ARE	BLK. AND
2080' FNL &	660' FWL, SW NW	6) TOTTLE		
		18	Sec. 21-T41	
14. PERMIT NO.	15. ELEVATIONS (Show whether Di	F, RT, GR, etc.)	12. COUNTY OR PARISI	H 13. STATE
	RKB 4775'		San Juan	Utah
16.	Check Appropriate Box To Indicate	Nature of Notice Report or	Other Data	
NO	OTICE OF INTENTION TO:	,	QUENT REPORT OF:	
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING	WELL
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING (CASING
SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING	ABANDONME	
REPAIR WELL	CHANGE PLANS	(Other)		
	orate Another Zone	(Note: Report result	ts of multiple completion pletion Report and Log fo	
	COMPLETED OPERATIONS (Clearly state all pertines			
proposed work. If nent to this work.) *	well is directionally drilled, give subsurface loca	tions and measured and true verti	cal depths for all market	rs and zones perti-
nem w und worm,				
**		TT 6 \$474 701	and Some TYY (S 5720-21
	posed to perforate well in 2			
	PF, Acidize with 4000 gallons	20% MCL in 2 stages	, and return to	a committee
Zone I,	II, and III production.			

APPROVED BY THE DIVISION OF	
DATE: November 28, 1928	-
BY: Ih Surcoll	

3 - USGS - Farmington, MM 2 - Utah 0 & GCC - SLC, Utah

1 - Superior Oil Co., Conroe, TX 1 - File

18. I hereby certify that the foregoing is true and correct SIGNED Original Signed By	TITLE _ Operations Superintendent	DATE November 14, 1978
(This space for Federal or State office use)		
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE	DATE

Utah

Form 9-331 (May 1963)

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43-037-15752

Ui. . ED STATES SUBMIT IN TRIL ATE* DEPARTMENT OF THE INTERIOR (Other instructions on re-

4775' IKB

Form approved. Budget Bureau No. 42-R1424. 5. LEASE DESIGNATION AND SERIAL NO.

San Juan

14-20-603-355

_	GEOLOGICAL SURVEY	14-20-609-255
	GEOLOGICAL SURVET	14-40-003-333
(Do not use this form	Y NOTICES AND REPORTS ON WELLS a for proposals to drill or to deepen or plug back to a different reservoir. e "APPLICATION FOR PERMIT—" for such proposals.)	liavajo - fribal
1.		7. UNIT AGREEMENT NAME
WE'LL GAS WELL	OTHER	SW-I-4192
2. NAME OF OPERATOR		8. FARM OR LEASE NAME
Pallina Petro	Leum Company	Ratherford Unit
3. ADDRESS OF OPERATOR	• •	9. WELL NO.
P. O. Box 2920	. Casper. Towning 82602	21-12
4. LOCATION OF WELL (Report See also space 17 below.) At surface	t location clearly and in accordance with any State requirements.*	10. FIELD AND POOL, OR WILDCAT
	nl & 660' Par, sa im	Greater Apeth
200, 1		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
		Sac. 21-1218-2248
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: REPAIRING WELL TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF FRACTURE TREAT MULTIPLE COMPLETE FRACTURE TREATMENT ALTERING CASING

ABANDONMENT* SHOOTING OR ACIDIZING SHOOT OR ACIDIZE ABANDON* (Other) Porti Z IIIII. Addinged & Returned to CHANGE PLANS REPAIR WELL (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) (Other)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

3 - USGs, Farmington, IM

2 - Utah OMG OC, Salt Lake City, UT

1 - Superior Cil Company, Conroe, TX

18. I hereby certify that the foregoing is true and correct		
SIGNED	TITLE Operations Superintendent	DATE 110 7, 1979
(This space for Federal or State office use)		
APPROVED BY	TITLE	DATE

1-Denver 1-Baysinger

1-File

L REPORT INDIVIDUAL WELL ST.

Lease Ratherford Unit Well No. 21-12 Authorization No. P-9700

Summary of Work Performed:

February 13 through April 30, 1979 - Perforated Zone III 5720-25' and Zone II 5676-78'. Acidized w/4000 gal 28% HCL and Returned to a Commingled Desert Creek Zone I, II & III Well from Perfs 5562-5725' OA.

		AVERAGE DAILY PRODUC	CTION		
	Field and	d Formation	<u>Oil</u>	<u>Gas</u>	Water
Before Work	Greater Aneth	Desert Creek - Zone I	23	16	118
After Work	Greater Aneth	Desert Creek - Zone I,II & III	40	29	369
Before Work					
After Work					

DATE P.T.D.

DAILY REPORT OF WORK PERFORMED

RATHERFORD UNIT NO. 21-12 PBTD 5732. INITIAL REPORT. PREPARING TO PERFORATE AND ACIDIZE. 2/13/79 - MI AND RU R AND R WS UNIT AT 9/00 AM, 2/12/79. PLD RODS AND PUMP. STRAPPED TBG 00H. INSTALLED BOP. SDON. AFE P-9700 ISSUED TO PERFORATE ZONE III INTERVAL 5720-25 FT, ACIDIZE W/4000GAL 28 PERCENT HCL IN 2 STAGES. TEST ZONE - IF OIL PRODUCTIVE, PRODUCE COMMINGLED, IF WET SET BP AT 5700 FT. LOCATION - 2080 FT FNL AND 660 FT FWL, SW NW, SEC. 21-T41S-R24E, GREATER ANETH FIELD, SAN JUAN CO., UTAH. ELEV. 4775 FT RKB. SUB AREA CODE 26. API NO. 43-037-15752. DATE LAST PRODUCED 2/11/79. LAST TEST BEFORE WORKOVER - 23 BOPD, 16 MCFGPD, 118 BWPD..

PATHERFORD UNIT NO. 21-12 PBTD 5732. PREPARING TO CO CSG W/BIT. RU GO WIRELINE SERVICES. WIH W/PERFORATING GUN, UNABLE TO GET BELOW 5660 FT. COOH. PU HYDRASTATIC SAND PUMP. WIH, PMPD FROM 5660-5680 FT, UNABLE TO MAKE ANY PROGRESS. COOH, REC FRAC SAND, HANDFUL OF SPRINGS AND UNIDENTIFIABLE PIECES OF METAL. LD HYDRASTATIC SAND PUMP. CLOSED WELL IN. SDON..

RATHERFORD UNIT NO. 21-12 PBTD 5732. PREP TO FIN COOH W/TBG AND BIT TO PERFORATE AND ACIDIZE. WIH W/TBG AND 4-3/4 IN BIT. RU REVERSE CIRC EQUIP. DRLD FROM 5680-5732 FT. REC FRAC SAND AND SMALL PIECES OF METAL. ON METAL ALL THE WAY. CIRC HOLE CLEAN. PLD 2 STDS TBG. CLOSED WELL IN. SDON..

RATHERFORD UNIT NO. 21-12 PBTD 5732. PREP TO COOH W/TBG AND PKR. RU GO WIRELINE. WIH W/4 IN CSG GLN AND DML CHARGES. PERFORATED W/2 JSPF FROM 5720-25 AND 5676-78 FT. RD GO. WIH W/RETRIEVAMATIC PKR, TBG TESTER AND 43 FT TAILPIPE. TSTD TBG TO 3000 PSI. DOWELL CIRC 1000 GAL 28 PERCENT. ACID ON SPOT AT 5725 FT. RAISED PKR TO 5610 FT, UNABLE TO GET PKR TO HOLD. TRIED TO SET PKR 5610-5665 FT, WOULD NOT HOLD. RAISED PKR TO 5515 FT, SET PKR. PMPD 1000 GAL SALT WTR. 3-1/4 BPM AT 2500 PSI. PMPD 2000 GAL 28 PERCENT 2/40 - 7/8 IN BALL SEALERS IN FIRST 200 GALS. PMPD 2000 GAL SALT WTR. PMPD 1000 GAL 28 PERCENT W/14 - 7/8 IN BALL SEALERS IN FIRST 100 GALS. PMPD 1600 GAL SALT WTR. FINAL RATE - 4 BPM AT 2700 PSI. AVG RATE - 3-1/4 BPM AT 2500 PSI. ISIP 2700 PSI. 15 MIN 1700 PSI. TOTAL LOAD TO REC - 205 BBLS. ACID CONTAINED 3 GAL/1000 GAL W-46 AND 1 GAL/1000 GAL F-78.

16

Feb 13, 79

14

15

District Approval

DAILY REPORT DETAILED

LEASE Ratherford Unit WELL NO. 21-12 SHEET NO. 2

DATE DEPTH NATURE OF WORK PERFORMED

17-20

RATHERFORD UNIT NO. 21-12 PBTD 5732. PMPG ON TEST. 2/17/79

- GIH W/TBG. COOH W/TBG AND PKR. PKR HAD 3 PIECES METAL HUNG
ON SLIP ELEMENTS. SIZES APPROX 2 IN X 2 IN AND 5 IN X 3 IN.

APPEARS TO BE CSG. WELL STARTED KICKING. STARTED IH W/TBG, UNABLE
TO GIH. CONNECTED WELL TO LEADLIINE. SDON. 2/18/79 - PMPG ON
TEST. WELL FLWD 10 BO AND 205 BLW PLUS 15 BFW. FIN RNG TBG, PUMP
AND RODS. TBG INTAKE AT 5630 FT, PUMP INTAKE AT 5599 FT. RELEASED
R AND R WS UNIT AT 2/00 PM, 2/17/79. PMPG AT 13-1/2 X 54 X 1-3/4.

2/19/79 - PMPG ON TEST - PMPG 24 HRS, REC 9 BO, 250 BW. 2/20/79 LEAK IN TEST LINE, BUT WELL IS PMPG. PMPD 24 HRS, REC 10 BO, 260
BW. ALL LOAD REC..

21

RATHERFORD UNIT NO. 21-12 PBTD 5732. PMPG ON TEST. NO REPORT..

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RATHERFORD UNIT NO. 21-12 PBTD 5732. PMPG ON TEST. PMPD 24 HRS, REC 8 BO, 318 BW..

23

RATHERFORD UNIT NO. 21-12 PBTD 5732. PMPG ON TEST. PMPD 24 HRS, REC 8 BO, 320 BW..

24%

PUMPING - NO TEST. INCREASED STROKE LENGTH - 13-1/2 X 74 X 1-3/4..

27

RATHERFORD UNIT NO. 21-12 PBTD 5732. PMPG ON TEST. PMPD 24 HRS, REC 4 BO, 379 BW. 651 FTF..

28

RATHERFORD UNIT NO. 21-12 PBTD 5732. PREPARING TO PKR TEST. PMPD 24 HRS, REC 5 BO, 404 BW. 837 FTF. TEMPORARILY DROP FROM REPORT WAITING ON ROADS TO DRY..

Mar. 12,79

RATHERFORD UNIT NO. 21-12 PBTD 5732. PU FROM TEMPORARY DROP 2/28/79. 3/9/79 - PREP TO PKR TEST. PMPG FL 900 FT. PLD RODS AND PUMP. COOH W/TBG. PU 5-1/2 IN LOK-SET PKR. START IH. 3/10/79 -FIN GIH W/TBG AND LOK-SET PKR. SET PKR COMPRESSION AT 5705 FT. WELL WAS FLWG OUT ANNULUS. CLOSED IN ANNULUS. WELL DID NOT FLOW OUT TBG. RAISED PKR TO 5660 FT, WOULD NOT HOLD IN TENSION. SET PKR IN COMPRESSION. SDON. 3/11/79 - PREP TO RUN RODS AND PUMP. WELL FLWD OUT ANNULUS, BUT NOT OUT TBG. ATTEMPTED TO SET PKR IN TENSION. PLD PKR LOOSE AFTER PLG 8000 LB. MADE NUMEROUS ATTEMPTS TO SET PKR IN TENSION BETWEEN 5605-5673 FT, WOULD NOT HOLD. ATTEMPTED TO SET PKR IN TENSION BETWEEN 5680 FT AND 5715 FT, WOULD NOT HOLD, CONTINUE TO PULL LOOSE. SET PKR AT 5708 FT IN COMPRESSION. SWBD TBG DN, NO FLUID ENTRY. COOH W/TBG AND PKR. PKR HAD A 3 IN X 2 FT PIECE OF CSG HUNG ON IT. WIH W/TBG AND ANCHOR CATCHER. SDON. 3/12/79 - SD ON SUNDAY. TEMPORARILY DROP FROM REPORT PENDING TEST ..

DAILY REPORT DETAILED

LEASE Ratherford Unit WELL NO. 21-12 SHEET NO. 3

TOTAL

DATE DEPTH
NATURE OF WORK PERFORMED

April 30,

RATHERFORD UNIT NO. 21-12 PBTD 5732. PU FROM TEMP DROP 3/12/79. 4/23/79 - PMPD 24 HRS, REC 39 BO, 392 BW. 4/25/79 - PMPD 24 HRS, REC 40 BO, 360 BW. 4/27/79 - PMPD 24 HRS, REC 40 BO, 369 BW. FINAL REPORT SUMMARY. PERFORATED ZONE III 5720-25 FT AND ZONE II 5676-78 FT. ACIDIZED W/4000 GAL 28 PERCENT HCL AND RETURNED TO A PUMPING OIL WELL FROM COMMINGLED DESERT CREEK ZONE I, II AND III PERFS 5562-5725 FT OA, PARADOX FORMATION, GREATER ANETH FIELD, SAN JUAN COUNTY, UTAH, WITH A FINAL TEST OF 40 BOPD, 369 BWPD. API NO. 43-037-15752. FINAL REPORT..

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OIL & GAS CO	DNSERV/ N CC	MMISSION	verue side)	6. LEASE DESIGNATION 96-004192	
SUNDRY N (Do not use this form for p Use "APE	OTICES AND RE			Navajo	eman Brief no Ce
OFL GAS OTE				7. UNIT AGREEMENT N	
2. HAMB OF OPERATOR Phillips Oil C	ompany			8. FARM OR LEASE NA	XB
3. ADDRESS OF OFSEATOR				9. WELL NO.	
P. O. Box 2920 4. LOCATION OF WELL (Report locat	, Casper, WY 82		e requirements.*	10. FIELD AND FOOL,	
See also space 17 below.) At surface			••••	N/A	
See Attached	•			11. EBC., T., R., M., OR SCRYET OR ARE	BLK. AND
				See Atta	
14. FERMIT NO.	15, ELEVATIONS (Sh	ow whether DF, AT,	ar, eta.)	San Juan	Utah
See Attached 16. Check	Appropriate Box To	Indicate Natur	re of Notice, Report, o	or Other Data	
•	INTERTION TO:			SEQUENT REPORT OF:	
TEST WATER SHUT-OFF	PULL OR ALTER CASING	· 🖂 📗	WATER SHUT-OFF	RETAIRING	
FRACTURE TREAT SHOOT OR ACIDIZE	MULTIPLE COMPLETE		FRACTURE TREATMENT SHOOTING OR ACIDIZING	ALTERING	
REPAIR WELL	CHANGE PLANS		(Other)	1.41-1	
(Other) 17. DESCRIBE PROPOSED OR COMPLETE			Completion or Rec-	sults of multiple completion ompletion Report and Log f	orm.)
for list of wel	1s.			y. See attached DEGEIV - 8 198	7屆月33
Org.& 3-BLM				33.013.02	manuscom success \$
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SIGNED Sur that the foregreen		TITLE Area M	anager	DATE 12/6/	83
(This space for Federal or Sta	te office use)				
APPROVED BYCONDITIONS OF APPROVAL	, IF ANT:	TITLE		DATE	
	*See	: Instructions on	Reverse Side		

E14-12 SW NW Sec.14-T41S-R24E 43-037-15998 Act. E14-13 NW SW Sec.14-T41S-R24E 43-037-15999 SI 10-44 SE SE Sec.10-T41S-R24E 43-037-30451 Act. 15-12 SW NW Sec.15-T41S-R24E 43-037-15715 Act. 15-14 SW SW Sec.15-T41S-R24E 43-037-15716 SI 15-22 SE NW Sec.15-T41S-R24E 43-037-15716 SI 15-23 SW NE Sec.15-T41S-R24E 43-037-15717 Act. 15-33 NW SE Sec.15-T41S-R24E 43-037-15717 Act. 15-33 NW SE Sec.15-T41S-R24E 43-037-15718 SI 15-41 NE NE Sec.15-T41S-R24E 43-037-15718 SI 15-42 SE NE Sec.15-T41S-R24E 43-037-15719 Act. 15-42 SE NE Sec.15-T41S-R24E 43-037-15720 Act. 16-12 SW NW Sec.16-T41S-R24E 43-037-15720 Act. 16-14 SW SW Sec.16-T41S-R24E 43-037-15721 Act. 16-32 SW NE Sec.16-T41S-R24E 43-037-15721 Act. 16-34 SW SE Sec.16-T41S-R24E 43-037-15723 Act. 16-34 SW SE Sec.16-T41S-R24E 43-037-15725 Act. 17-12 SW NW Sec.17-T41S-R24E 43-037-15725 Act. 17-14 SW SW Sec.17-T41S-R24E 43-037-15727 Act. 17-23 NE SW Sec.17-T41S-R24E 43-037-15727 Act. 17-34 SW SE Sec.17-T41S-R24E 43-037-15727 Act. 17-35 SW NE Sec.17-T41S-R24E 43-037-15720 Act. 17-36 SW SE Sec.17-T41S-R24E 43-037-15727 Act. 17-37 SW SE Sec.17-T41S-R24E 43-037-15730 Act. 17-41 NE NE Sec.17-T41S-R24E 43-037-15731 Act. 17-44 SE SE Sec.17-T41S-R24E 43-037-15731 Act. 17-45 SW SW Sec.18-T41S-R24E 43-037-15731 Act. 17-46 SE SE Sec.17-T41S-R24E 43-037-15732 Act. 17-14 SE SE SEC.17-T41S-R24E 43-037-15731 Act. 17-14 SE SE SEC.17-T41S-R24E 43-037-15731 Act. 17-14 SE SE SEC.17-T41S-R24E 43-037-15731 Act. 17-14 SE SE SEC.17-T41S-R24E 43-037-15	US
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10-23 NE 34 360.10 1413 KETE	
10-32 SW NE Sec. 10-1415 NE4E	
10-34 SW SL 360:10-1413-1412	
19-12 SW NW Sec. 15-1415 KE42	
19-14 Sw Sw Sec. 13-1413-1421	
19-32 SW NE Sec. 19-T41S-R24E 43-037-15743 ACT 19-34 SW SE Sec. 19-T41S-R24E 43-037-15744 Act	
20-12 SW NW Sec. 20-T41S-R24E 43-037-15746 Act	
20-12 SW SW Sec. 20-T41S-R24E 43-037-15747 Act	
20-14 SW NE Sec. 20-T41S - R24E 43-037-15749 Act	
20-32 SW SE Sec. 20-T41S-R24E 43-037-15750 Act	
21-12 SW NW Sec.21-T41S-R24E 43-037-15752 Act	•
21 14 SW SW Sec 21-T41S-R24F 43-037-15753 Act	
21_23 NE SW Sec 21_T41S_R24E 43-037-13754 Act	
21_32 SW NF Sec. 21_T41S_R24E 43-037-15755 Act	•
21_33 NW SF Sec. 21-T41S-R24E 43-037-30447 ST	
21_34 SW SF Sec. 21-T41S-R24E 43-037-15756 Act	•
22-12 SW NW Sec. 22-T41S-R24E 43-037-15/5/ S1	
22_14 SW SW Sec. 22-T41S-R24E 43-037-15758 ST	
24-42 SE NE Sec. 24-T41S-R24E 43-037-15863 ACT	
28-11. NW NW Sec. 28-T41S-R24E 43-037-30446 Act	
28-12 SW NW Sec.28-T41S-R24E 43-037-15336 Act	
29-12 - SW NW Sec.29-T41S-R24E 43-03/-1533/ ACC	
29-32 SW NE Sec. 29-T41S-R24E 43-037-15339 Act	•

	TMENT OF THE INTER		S. LEASE DESIGNATION	
BUR	EAU OF AND MANAGEMEN	NT	14-20-603-35	5
SUNDRY NO	OTICES AND REPORTS	ON WELLS beck to a different reservoir. proposits.)	Navajo	OR TRIDS NAME
			T. UNIT MORREMENT HA	MS
WELL GAS TER	Satellite Gathering	g Station 21	SW-I-4192	
. PAMB OF OPSEATOR			S. PARM OR LEASE HAM	8
Phillips Oil Comp	pany		Ratherford U	nit
ADDRESS OF OPERATOR			9. WELL NO.	
	Casper, Wyoming 82602			
See also space 17 below.)	on clearly and in accordance with an	y state requirements.	10. PIBLE AND POOL, OF	
At surface			Greater Aneth	
Center of Section	21, T41S, R24E, SLPM,	San Juan County, Utal		CL. AND
		, san san county, cear	Sec. 21-T41S-	R24E
14. PERMIT NO.	16. BLEVATIONS (Show whether	DF, BT, GR, etc.)	12. COUNTY OR PARISE	
	4700 t MSL		San Juan	Utah
16. Charle				
The Check	Appropriate Box To Indicate	Nature of Notice, Report, or 1	Other Data	
NOTICE OF I	TENTION TO:	SUBSEC	UBNT REPORT OF:	
TEST WATER SEUT-OFF	PULL OR ALTER CABING	WATER SEUT-OFF	BRPAIRING W	PELL
PRACTURE TREAT	MULTIPLE COMPLETE	PRACTURE TREATMENT	ALTERING CA	SING
SHOOT OR ACIDIES	ABANDON*	SECOTING OR ACIDIZING	ABANDONMEN	12*
REPAIR WELL	CHANGE PLANS	(Other)	s of multiple completion	
(Other) 17. DESCRIBE PROPOSED OR COMPLETED proposed work. If well is dir	· <u>x</u>	Completion or Recomp	pletion Report and Log for	m.)
21 gathering stat along the north s station. The are	any proposes to expandion, Section 21-T41S-Ride of the existing Set is to be used to instead, bermed, and reseed	224E, by adding a plot ection 21 tank installa stall a treater for oil	35 x 192 , 0.1	5 acres, ing
5- BLM, Farmingto 2- Utah O&GCC, Sa 1- P. J. Adamson 1- B. Conner, 318 1- J. R. Weichbro 1- C. M. Anderson 1- P. Rooney 1- File	lt Lake City, Utah -B-TRW dt	ACCEPTED BY TO OF UTAH DIVI	SIOP OF	
is requi operation		OIL GAS, AND DATE: 2/7/85 BY: John H	Baja	
18. I hereby certify that the foregon	ng is true and correct	ℓ		
SIGNED	TITLE	Area Manager	DATE Janua	ry 30, 198
(This space for Federal or State	£ 'y '' 			
the state of the s	,			
APPROVED BY	F ANT:		DATE	

*See Instructions on Reverse Side

Mobil Oil Corporation

P.O. BOX 5444 DENVER, COLORADO 80217-5444

May 14, 1986

Utah Board of Oil, Gas and Mining 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203

Attn: R. J. Firth

Associate Director



DIVISION OF OIL, GAS & MINING

SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

On September 20, 1984, The Superior Oil Company (Superior) became a wholly owned subsidiary of Mobil Corporation. Since January 1, 1985, Mobil Oil Corporation (MOC), another wholly owned subsidiary of Mobil Corporation, has acted as agent for Superior and has operated the Superior-owned properties.

On April 24, 1986, Superior was merged with Mobil Exploration and Producing North America Inc. (MEPNA), which is also a wholly cwned subsidiary of Mobil Corporation. MEPNA is the surviving company of the merger.

This letter is to advise you that all properties held in the name of Superior will now be held in the name of MEPNA; and that these properties will continue to be operated by MOC as agent for MEPNA.

Attached is a listing of all wells and a separate listing of injection-disposal wells, Designation of Agent and an organization chart illustrating the relationships of the various companies. If you have any questions or require additional documentation of this merger, please feel free to contact me at the above address or (303) 298-2577.

Very truly yours,

R. D. Baker

Environmental Regulatory Manager

CNE/rd CNE8661

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UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM	I APPR	OVED	
Budget Bure	eau No.	1004-013	5
Expires:	March	31, 1993	

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals

Navajo Tribal

14-20-603-355

SUBMIT IN TRIPLICATE JAN 28 1901	7. If Unit or CA, Agreement Designation SW-I-4192
1. Type of Well	Ratherford Unit
Well Gas Well Other	8. Well Name and No.
2. Name of Operator OIL. One of Operator	Ratherford Unit #21-12
Phillips Petroleum Company	9. API Well No.
3. Address and Telephone No.	43-037-15752
P. O. Box 1150, Cortez, CO 81321 303-565-3426	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	Greater Aneth
2080' FNL & 660' FWL, SW NW, Sec 21-T41S-R24E	11. County or Parish, State
	San Juan County, Utah
CHECK APPROPRIATE ROYS TO INDICATE NATURE OF NOTICE REPO	RT OR OTHER DATA

12.	CHECK APPROPRIATE BOX(s)	TO INDICATE NATURE OF NOTIC	E, REPORT, OR OTHER DATA
	TYPE OF SUBMISSION	TYPE C	FACTION
	Notice of Intent	Abandonment	Change of Plans
	Subsequent Report	Recompletion Plugging Back	New Construction Non-Routine Fracturing
	Final Abandonment Notice	Casing Repair Altering Casing	Water Shut-Off Conversion to Injection
		Other	Dispose Water (Note: Report results of multiple completion on Well
13. Desc	ribe Proposed or Completed Operations (Clearly state all p	ertinent details, and give pertinent dates, including estimated	Completion or Recompletion Report and Log form) I date of starting any proposed work. If well is directionally drilled.

give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

December 10, 1990 Through December 20, 1990

MI & RU well service unit 12/10/90. Pulled rods & pump. ND wellhead, NU BOP. COOH w/ tbg. Hydrotested into hole w/bit & scraper. Replaced one jt of tbg and circ hole clean. TIH w/RBP & 5-1/2" pkr and isolated two csg leaks, the first between 2901-2932' and the second between 3336-3368'. Set cmt retainer at 3268', pmpd 85 sks Class G cmt plug. Stung out of retainer, pulled tbg to 2949' and pmpd a 15 sk Class G cmt plug. GIH w/ bit & scraper & drilled out cmt and cmt retainer. COOH w/tbg & LD bit & scraper. Ret RBP. GIH w/SN & 165 stds tbg. ND BOP, NU wellhead. Ran rods & pump, MO well service, and returned well to production 12/20/90.

> Test Prior to Workover - 13 BOPD, 507 BWPD, 5 MCFGPD Test After Workover - 77 BOPD, 250 BWPD, 30 MCFGPD

Distribution:

5 - BLM, Farmington

2 - Utah O&GCC

1 - N. Anstine

1 - S. H. Oden

1 - P. J. Konkel 14. I hereby certify that the foregoing jestrue and correct

1 - Texaco, Inc.

·1 - Chieftain 1 - Mobil

1 - PPCO, Houston

1 - PPCO, Cortez, RC

S. H. Oden

District Superintendent

Date January 25, 1991

(This space for Federal or State office use)

Date Title

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT** APR 1 , 1991

DIVISION OF

FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-603-355

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to Use "APPLICATION F	drill or to deepen or reentry to a different reservoir. OR PERMIT—" for such proposals	6. If Indian, Allottee or Tribe Name
		Navajo Tribal
SUBMI	T IN TRIPLICATE	7. If Unit or CA, Agreement Designation
1. Type of Well		SW-I-4192 Ratherford Unit
		8. Well Name and No.
2. Name of Operator		Ratherford Unit #21-12
Phillips Petroleum Company		9. API Well No.
3. Address and Telephone No.		43-037-15752 Pow
300 W. Arrington, Suite 200,	Farmington, NM 87401 (505) 599-3412	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey 1	Description)	Greater Aneth
Unit E, 2080' FNL & 660' FWL		11. County or Parish, State
Sec. 21, T41S, R24E		San Juan County, Utah
12. CHECK APPROPRIATE BOX	(a) TO INDICATE MATURE	1
	(s) TO INDICATE NATURE OF NOTICE, REPOR	IT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
Notice of Intent	Abandonment	Change of Plans
√ 1	Recompletion	New Construction
Subsequent Report	Plugging Back	Non-Routine Fracturing
Dr. I All I was Not	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection
	Other Mill well prepare	Dispose Water
3 Describe Proposed or Completed Operations (Clearly state a	I pertinent details, and give pertinent dates, including estimated date of starting and depths for all markers and zones pertinent to this work.	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
on tbg. COOH. PU WP shoe and 6 drill collars, accellerator equipment and pumped 400 bbls pressure too high. COOH w/63 wash pipe. TIH w/tbg, washed up w/pieces of tbg. and rods. Circ. well clean. TIH w/new m over 8 ft rods and tbg. TIH w to 5191'. Circ. well clean. T Washed over 1' to 5216'. COOH tbg. RU swab unit and recover well service and returned well cc: 5-BLM, 2-Utah O&GCC, 1-EP l-N. Anstine, 1-V.S. Shaw	8 jts wash pipe, top bushing, bumped and XO. TIH. Tagged top of fish @ 508 water. Washed over 32 ft., wash pipe power another 23 ft. Plugged up. COOH, TIH RU drilling equipment and washed ill shoe and made 26' to 5173 and circled larger ID mill shoe. washed over 10 ft le	jar XO sub, hyd. jar, 89.97 ft. RU drilling plugged up. Circ. ill collars and mill shoe plugged over 19 ft to 5147'. c. well clean. Washed ft. Total of 18 ft. '. Circ. well clean. SN and 169 jts 2-7/8" SN set @5175'. MO
I hereby certify that the foregoing is true and correct	, 1-Chevron, 1-PPCO, Houston, 1-PPCO, Title Sr. Drilling & Production Eng	
(This space for Federal or State office use)	TitleSI. DITITING & Production Eng	gr. April 8, 1991
Approved byConditions of approval, if any:	Title	Date

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-603-355

SUNDRY NOTICES AND REPORTS ON WELLS 6. If Indian, Allottee or Tribe Name

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals

Navaio Tribal

SUBMI	7. If Unit or CA, Agreement Designation	
1. Type of Well Sas Well Well Other	SW-I-4192 8. Well Name and No.	
2 Name of Operator Phillips Petroleum Company		Ratherford Unit #21-19 9. API Well No.
3 Address and Telephone No. 300 W. Arrington, Suite 200, Fa	43-037-15752 10. Field and Pool, or Exploratory Area	
4. Location of Well (Footage, Sec., T., R., M., or Survey D Unit E, 2/080' FNL & 660' FWL	Greater Aneth 11. County or Parish, State	
Sec. 21, T41S, R24E		San Juan, Utah
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REP	ORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTIO	N
Notice of Intent Subsequent Report	Abandonment Recompletion Plugging Back Casing Repair	Change of Plans New Construction Non-Routine Fracturing Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection

Completion or Recompletion Report and Log form 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drill give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Other

Workover March 5, 1991 Through March 20, 1991

Test Prior to Workover - 50 BOPD, 147 BWPD Test After Workover - 31 BOPD, 293 BWPD



Dispose Water

(Note: Report results of multiple completion on We

DIVISION OF OIL GAS & MINING

cc: 5 - BLM, 2 Utah O&GCC, 1 - EPA, 1 - N. Anstine, 1 - V.S. Shaw, 1 - Chieftain 1 - Mobil, 1 - Texaco, 1 - Chevron, 1 - PPCO, Houston, 1 - PPCO, Farmington

(This space for Federal or State office use) Approved by Conditions of approval, if any:	Title	Date
14. I hereby certify that the foregoing is true and correct Signed Robertson	_ Title _ Sr. Drlg. & Prod. Engr.	Date 5~3~91

Tide 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representations as to any matter within its jurisdiction.

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

RECEIVED BLM

FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993

) L 1	5. Lease Designation and Serial No.
SUNDRY NOTICE	S AND REPORTS	ON WELLS LADD I	n nu 1.	14-20-603-355
Do not use this form for proposals to	drill or to deepen or	reentry to a different	reservoir	46/ If Indian, Allottee or Tribe Name
Use "APPLICATION F	OR PERMIT—" for s	uch proposals EADE	MOTOM.	N.Mwavajo Tribal
			ii i a i Uit.	N.Mavajo Tribal
SUBM	IT IN TRIPLICATE			7. If Unit of CA, Agreement Designation
1. Type of Well		***************************************		SW-I-4192
☑ Oil ☐ Gas ☐ Other		()	.	Ratherford Unit
2. Name of Operator		JUN 0 3 19	91	8. Well Name and No.
Phillips Petroleum Company				Ratherford Unit #21-1
3 Address and Telephone No.		- DIVISION G	-	9. API Well No.
300 W. Arrington, Suite 200,	Farmington, NM	87401 (0505) 1599	132212	43-037-15752 10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey	Description)	G) 100 (9.7 50) G1 (40) 1		•
Unit E, 2080' FNL & 660' FWL			}	Greater Aneth 11. County or Parish, State
Sec. 21, T41S, R24E			1	11. County of Parish, State
Jec. 21, 1415, R24E				San Juan County, Uta
12 CHECK APPROPRIATE BOX	(e) TO INDICATE A	IATUDE OF MOTION		
	TO MUDICATE N	TATURE OF NOTICE	E, REPORT	, OR OTHER DATA
TYPE OF SUBMISSION		TYPE O	FACTION	
Notice of Intent	□ AN	ndonment		
		ompletion		Change of Plans
Subsequent Report		iging Back		New Construction
_		ing Repair		Non-Routine Fracturing
Final Abandonment Notice		ring Casing		Water Shut-Off
	Outs			Conversion to Injection
				[Note: Report results of multiple completion on We
Describe Proposed or Completed Operations (Clearly state algive subsurface locations and measured and true vertice)	pertinent details, and give per	linent dates, including estimated	lete of an eigen	Completion or Recompletion Report and Log form
give subsurface locations and measured and true vertice	al depths for all markers and	tones pertinent to this work.)	mer of statement an	y proposed work. If well is directionally dril
March 5, 1991 Through March 2	00 1001			
MIRII well service unit 3-5-01	.U, 1991	.1.75 5		_
MIRU well service unit 3-5-91	o break down an	id LD test Reda	Pump. PU	Impression block
on the COOH. PU WP shoe and	o les masu bibe	cop busning,	oumped j	ar XO sub, hyd. jar,
6 drill collars, accellerator	and AO. III.	agged top of fig	sn @ 508	9.9/ ft. RU drilling
equipment and pumped 400 bbls pressure too high. COOH w/63	etde of the	over 32 it., was	n pipe p	lugged up. Circ.
wash pipe. TIH w/tbg, washed	over mother ?	finished Coon w/	og, ari	II collars and
up w/pieces of tbg. and rods.	TTH DII Amilia.	o it. Flugged up.	. COOH, 1	mili shoe plugged
Circ. well clean. TIH w/new m	illiano orillia m bas eads 11b	ig equipment and	wasned (over 19 it to 514/'.
over 8 ft rods and tbg. TIH w	/larger ID mill	tue 20 (0)1/3 8	ina circ	. Well Clean. Washed
to 5191'. Circ. well clean. T	TH w/new mill	. shoe. washed ov	/er 10 11	of lotal of 18 ft.
Washed over 1' to 5216'. COOH	ID drill coll	once and milied (.0 3213/ci	. Circ. Well clean.
the RII swah unit and recover	ed 130 kblc ***	ars, wash pipe.	11H M/ SI	and 109 jts 2-//8"
tbg. RU swab unit and recover well service and returned wel	1 to production	. 2 20 01	pump. Si	set @51/5'. MO
well believe and recalmed wel	r to production			
cc: 5-BLM, 2-Utah O&GCC, 1-EP		Test Prior to W	lorkover	- 0 BOPD, 0 BWPD
1-N. Anstine, 1-V.S. Shaw	, l-Chieftain	Test After Work		34 BOPD, 22 BWPD
1 - Mobil Oil, 1 - Texaco	<u>, 1-Chevron, 1-</u>	PPCO, Houston,	l-PPCO,	Farmington
14. I hereby certify that the foregoing is true and correct				
Signed X & Koluman	TitleSr. Dr	illing & Product	ion Engi	c. April 8,00991

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM	i appr	OVED	
Budget Bun	ces No.	1004-01	35
Expires:	March	31, 1993	

Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-603-355	1	4	_	2	0	-6	0	3	_	3	5	5
---------------	---	---	---	---	---	----	---	---	---	---	---	---

Navajo Tribal

Non-Routine Fracturing Water Shut-Off

Dispose Water

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT—" for such proposals

6. If Indian, Allottee or Tribe Name

SUBMIT	TIN TRIPLICATE	7. If Unit or CA. Agreement Designa:
1. Type of Well Gas Gas		SW-I-4192
		8. Well Name and No.
2. Name of Operator		Ratherford Unit #21
Phillips Petroleum Company		9. API Well No. 12
3. Address and Telephone No.		1 43-037-15752
	armington, NM 87401 (505) 599-3412	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey D.	escription)	Greater Aneth
Unit E, 1 080' FNL & 660' FWL		11. County or Parish, State
Sec. 21, T41S, R24E		,
		San Juan, Utah
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, R	EPORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF AC	TION
Notice of Intent	Abandonment	Change of Plans

Completion or Recompletion Report and Log (c

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally d

give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Workover March 5, 1991 Through March 20, 1991

Test Prior to Workover - 50 BOPD, 147 BWPD Test After Workover - 31 BOPD, 293 BWPD

Subsequent Report

Final Abandonment Notice



JUN 1 4 1991

CORRECTED COPY

DIVISION OF OIL GAS & MINING

cc: 5 - BLM, 2 Utah O&GCC, 1 - EPA, 1 - N. Anstine, 1 - V.S. Shaw, 1 - Chieftain 1 - Mobil, 1 - Texaco, 1 - Chevron, 1 - PPCO, Houston, 1 - PPCO, Farmington

UN 03 1991
FED FOR RECORD 5-3-91

*See Instruction on Reverse Side

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

AUG 1 6 1993

NO772

P J KONKEL
PHILLIPS PETROLEUM COMPANY
5525 HWY 64 NBU 3004
FARMINGTON NM 87401

ואא)

REPORT PERIOD (MONTH/YEAR)

6 / 93

DIVISION OF

OIL, GAS & MININGMENDED REPORT [(Highlight Changes)

Well Name	Producing	Well	Days		Production Volumes	
API Number Entity Location	Zone	Status	Oper	OIL(BBL)	GAS(MCF)	WATER(BBL)
#21-23 4303713754 06280 415 24E 21	DSCR	POW	29	1374	883	58
#3-44 4303715031 06280 41S 24E 3	DSCR	POW	30	111	94	2905
#3-14 4303715124 06280 41S 24E 3 #9-12	DSCR	POW	30	67	23	302
#9-12 4303715126 06280 41S 24E 9 #9-14	DSCR	POW	30	112	654	17363
#303715127 06280 41S 24E 9	DSCR	POW	30	201	315	423
4303715336 06280 41S 24E 28 #29-12	PRDX	POW	29	112	4 7	2428
4303715337 06280 415 24E 29 #29-32	PRDX	POW	29	56	0	672
4303715339 06280 41S 24E 29	DSCR	POW	29	1402	287	2224
4303715340 06280 415 24E 29 #30-32	DSCR	Pow	29	75 7	48	0
4303715342 06280 415 24E 30	DSCR	POW	29	588	1049	3744
4303715620 06280 41S 24E 3	DSCR	POW	30	268	11	363
4303715711 06280 415 24E 9	DSCR	POW	30	45	46	9800
4303715712 06280 41S 24E 10	DSCR	POW	30	45	23	1088
			TOTALS	5138	3480	41370

COMMENTS: Effective July 1, 1993, Phillips Petroleum Company has sold its interest in the

Ratherford Unit to Mobil Exploration and Producing U.S., Incorporated, P. O. Box

633, Midland, Texas 79702. Mobil assumed operations on July 1, 1993.

I hereby certify that this report is true and complete to the best of my knowledge.

Date: 8/11/93

Name and Signature: PAT KONKEL

Pat Konkel

Telephone Number: 505 599-3452

STATE OF UTAH /ISION OF OIL, GAS AND MINING Page 1 of 1 MONTHLY OIL AND GAS DISPOSITION REPORT OPER TOR NAME AND ADDRESS: N7370 UTAH ACCOUNT NUMBER: _ Sheffield BRIAN BERRY MEPHA MOBIL REPORT PERIOD (MONTH/YEAR): 7 / 93 POB 219031 1807A RENTWR P.O. DrAWER G DALLAS TX 75221-9031 CORTEZ, CO. 8/32/

* 93100le updated. fie

ENDING DISPOSITIONS GRAVITY BEGINNING VOLUME **ENTITY PRODUCT** OTHER INVENTORY USED ON SITE FLARED/VENTED NUMBER BTU INVENTORY **PRODUCED** TRANSPORTED 177609 177609 OIL. 0 05980 GAS 66216 5885 72101 OIL 11174 GAS OIL GAS GAS GAS DIVISION OF OIL OIL GAS & MINING GAS OIL GAS 249710 243825 5885 **TOTALS**

COMMENTS: FLEASE NOTE ADDRESS Change, Posin Assu production Reports
Will be Compiled AND Sent from the Cortez, Co. Office IN THE FUTURE. I hereby certify that this report is true and complete to the best of my knowledge.

Name and Signature: Invell & Shiffield

Telephone Number 214 658 2538

AMENDED REPORT [(Highlight Changes)

STATE OF UTAH DIVISION OF OIL, GAS AND MINING

			S. LEASE DESIGNATION & SERIAL NO.
(Do not use this form for proposa	ES AND REPORTS (Is to drill or to deepen or plug b. ATION FOR PERMIT—" for suc	ack to a different reservoir.	6. IF INDIAN. ALLOTTEE OR TRIBE MAN
OIL GAS OTHER		4411	7. UNIT AGREEMENT NAME RATHERFORD UNIT
NAME OF OPERATOR	TON -	ALCO COLOR	B. FARM OR LEASE NAME
MOBIL OIL CORPORAT ADDRESS OF OPERATOR P. O. BOX 633	MIDLAND, TX 79702	SEP 1 5 1993	WELL NO.
LOCATION OF WELL (Report location clearly See also space 17 below.) At surface		urements.	GREATER ANETH
At proposed prod. same		DIVISION OF OIL, GAS & MINING	11. SEC., T., R., M., OR BLK, AND SURVEY OR AREA
APE NO.	IS. ELEVATIONS (Show wnether D	F, RT, GR, etc.)	SAN JUAN UTAH
Check Ap	propriate Box To Indicate N		Other Data
FRACTURE TREAT MUL	L OR ALTER CASING TIPLE COMPLETE NDON NGE PLANS		
starting any proposed work. If well is a pertinent to this work.)	directionally drilled, give subsurf	* Must be acco	e pertinent dates, including estimated date true vertical depths for all markers and zo mpanied by a cement verification rep OF THE RATHERFORD UNIT.
starting any proposed work. If well is a pertinent to this work.) AS OF JULY1, 1993, MC	directionally drilled, give subsurf	* Must be acco	true vertical depths for all markers and zo mpanied by a cement verification rep
starting any proposed work. If well is a pertinent to this work.) AS OF JULY1, 1993, MO	BIL OII, CORPORATION VIDUAL WELLS.	* Must be acco	true vertical depths for all markers and zo mpanied by a cement verification report of the RATHERFORD UNIT.

CONDITIONS OF APPROVAL, IF ANY:

Sept 29, 1993

To: Lisha Cordova - Utah Mining From: Janice Easley BLM Farmington, NM 505 599-6355

Here is copy of Ratherford Unit Successor aprotor.

4 pages including this one.

file ratherford Unit (GC)

PICEIVED PLM

** "". 27 N.H: 44

Navajo Area Office P. O. Box 1060 Gallup, New Mexico 87305-1060

070 FASIMINATION, NM

ARES/543

Jul. . . 1553

Mr. G. D. Cox Mobil Exploration and Producing North America, Inc. P. O. Box 633 Midland, Texas 79702

Dear Mr. Cox:

Enclosed for your information and use is the approved Designation of Operator between the Phillips Petroleum Company and Mobil Exploration and Producing North America, Inc. for the Ratherford Unit.

Please note that all other concerned parties will be furnished their copy of the approved document.

Sincerely,

Aligoremme

ACTING Area Director

Enclosure

cc: Bureau of Land Management, Farmington District Office w/enc. TNN, Director, Minerals Department w/enc.

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF INDIAN AFFAIRS**

J 8998



DESIGNATION OF OPERATOR

Phillips Petroleum Company is, on the records of the Bureau of Indian Affairs, operator of the Ratherford Unit,

AREA OFFICE: Window Rock, Arizona LEASE NO: Attached hereto as Exhibit "A" 070 FARMINGTON, NM

and, pursuant to the terms of the Ratherford Unit Agreement, is resigning as Unit Operator effective July 1, 1993, and hereby designates

NAME: Mobil Exploration and Producing North America Inc., duly elected pursuant to the terms of the Ratherford Unit Agreement,

ADDRESS: P. O. Box 633, Midland, Texas 79702

Attn: G. D. Cox

as Operator and local agent, with full authority to act on behalf of the Ratherford Unit lessees in complying with the terms of all leases and regulations applicable thereto and on whom the authorized officer may serve written or oral instructions in securing compliance with the Operating Regulations (43 CFR 3160 and 25 CFR 211 and 212) with respect to (described acreage to which this designation is applicable):

Attached hereto as Exhibit "A"

Bond coverage under 25 CFR 211, 212 or 225 for lease activities conducted by the above named designated operator is under Bond Number 05202782 (attach copy). Evidence of bonding is required prior to the commencement of operations.

It is understood that this designation of operator does not relieve any lessee of responsibility for compliance with the terms of the leases and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the leases.

In case of default on the part of the designated operator, the lessees will make full and prompt compliance with all regulations, lease terms, stipulations, or orders of the Secretary of the Interior or his representative.

Attached is the appropriate documentation relevant to this document.

The designated operator agrees to promptly notify the authorized officer of any change in the operatorship of said Ratherford Unit.

June / / , 1993

Phillips Petroleum Company

Attorney-in-Fact

Mobil Exploration and Producing

North America Inc.

June // , 1993

AREA DIRECTOR

APPROVED PURSUANT, TO SECRETARIAL REDELEGATION ORDER 209 DM 8 AND 230 DM 3. This form does not constitute an information collection as defined by 44 U.S.C. 3502 and therefore does not require OMB approval.

EXHIBIT "A"

ATTACHED TO AND MADE A PART OF DESIGNATION OF SUCCESSOR OPERATOR, RATHERFORD UNIT

EXHIBIT "C"

Revised as of September 29, 19921 SCHEDULE OF TRACT PERCENTAGE PARTICIPATION

Tract Number	Description of Land	Serial Number and Effective Date of Lease	Tract Percentage Participation
1	S/2 Sec. 1, E/2 SE/4 Sec. 2, E/4 Sec. 11, and all of Sec. 12, T-41-S, R-23-E, S.L.H. San Juan County, Utah	14-20-603-246-A Oct. 5, 1953	11.0652565
2	SE/4 and W/2 SW/4 Sec. 5, the irregular SW/4 Sec. 6, and all of Sec. 7 and 8, T-41-S, R-24-E, San Juan County, Utah	14-20-603-368 Oct. 26, 1953	14.4159942
3	SW/4 of Sec. 4, T-41-S, R-24-E, San Juan County, Utah	14-20-603-5446 Sept. 1, 1959	.5763826
4	SE/4 Sec. 4, and NE/4 Sec. 9, T-41-S, R-24-E, San Juan County, Utah	14-20-603-4035 March 3, 1958	1.2587779
5	SW/4 of Sec. 3, T-41-s, R-24-E, S.L.K., San Juan County, Utah	14-20-603-5445 Sept. 3, 1959	. 4667669
6	NW/4 of Sec. 9, T-41-S, R-24-E, S.L.M., San Juan County, Utah	14-20-603-5045 Feb. 4, 1959	1.0187043
7	RW/4, W/2 NE/4, and SW/4 Sec. 10, SE/4 Sec. 9, T-41-5, R-24-E, San Juan County, Utah	14-20-603-4043 Feb. 18, 1958	3.5097575
8	SW/4 Sec. 9, T-41-S, R-24-E, S.L.H. San Juan County, Utah	14-20-603-5046 Feb. 4, 1959	1.1141679
9	SE/4 Sec. 10 and S/2 SW/4 Sec. 11 T-41-S, R-24-E, San Juan County, Utah	14-20-603-4037 Feb. 14, 1958	2.6186804
10	All of Sec. 13, E/2 Sec. 14, and E/2 SE/4 and N/2 Sec. 24, T-41-5, R-23-E, S.L.M., San Juan County, Utah	14-20-603-247-A Oct. 5, 1953	10.3108861
11	Sections 17, 18, 19 and 20, T-41-S, R-24-E, San Juan County Utah	14-20-603-353 Oct. 27, 1953	27.3389265
12	Sections 15, 16, 21, and NW/4, and W/2 SW/4 Sec. 22, $T-41-S$, $R-24-E$, San Juan County, Utah	14-20-603-355 Oct. 27, 1953	14.2819339
13	W/2 Section 14, T-41-S, R-24-E, San Juan County, Utah	14-20-603-370 Oct. 26,1953	1.8500847
14	N/2 and SE/4, and E/2 SW/4 Sec. 29, NE/4 and E/2 SE/4 and E/2 W/2 irregular Sec. 30, and E/2 NE/4 Sec. 32, T-41-S, R-24-E, San Juan County, Utah	14-20-603-407 Dec. 10, 1953	6.9924969
15	NW/4 Sec. 2B, T-41-S, R24-E San Juan County, Utah	14-20-603-409 Dec. 10, 1953	.9416393
16	SE/4 Sec. 3, T-41-S, R-24-E San Juan County, Utah	14-20-0603-6504 July 11, 1961	.5750254
17	NE/4 Sec. 3, T-41-5, R-24-E San Juan County, Utah	14-20-0603-6505 July 11, 1961	.5449292
18	NW/4 Sec. 3, T-41-5, R-24-E San Juan County, Utah	14-20-0603-6506 July 11, 1961	5482788
19	NE/4 Sec. 4, T-41-S, R24-E San Juan County, Utah	14-20-0603-7171 June 11, 1962	. 4720628
20	E/2 NW/4 Sec. 4, T-41-5, R-24-E San Juan County, Utah	14-20-0603-7172 June 11, 1962	.0992482

Division of Oil, Gas and Mining PHONE CONVERSATION DOCUMENTATION FORM

Rou	Well File (Location) SecTwpRng (API No.)	(Return Date) _ (To - Initials) _		Other OPERATOR CHANGE
1.	Date of Phone Call:10-6-93	- Time: _	9:30	
2.	DOGM Employee (name) L Talked to: Name GLEN COX of (Company/Organization)	(Initiated Call []) -		
3.	Topic of Conversation: OPERATOR OPERATOR OF MOBIL OIL CORPORATION AS PE	WANTS THE WELLS SET UP	- MEPNA AS P	ER:BIA APPROVAL
4.	Highlights of Conversation: MR. COX CONFIRMED THAT THE WELL PER BIA APPROVAL, ALSO CONFIRM BE HANDLED OUT OF THEIR CORTEZ MEPNA- PO DRAWER G CORTEZ, CO 81321 (303)565-2212 *ADDRESS CHANGE AFFECTS ALL WE REPORTED OUT OF DALLAS (MCELMO	ACCOUNT N737	O/MEPNA AS PORTS WILL NOW	

	•				
	of Oil, Gas and Mining OR CHANGE HORKSHEET				Routing:
	ll documentation received by the division rega each listed item when completed. Write N/A if		able.	-	2-DEST S 8-A FAIR 3-VLC 4-RJEY
MX Chang □ Design] Designation of] Operator Name (5-11 PC 6-17 1
The ope	erator of the well(s) listed below ha	s changed (EFFEC	CTIVE DATE: _	7-1-93)
TO (nev	M E P N A (address) PO DRAWER G CORTEZ, CO 81321 GLEN COX (915)688-2114 phone (303)565-2212 account no. N7370	_ _ _	(address) <u>55</u> F <u>/</u> P <u>/</u> p	AT KONKEL hone (505) ccount no.	M 87401 599–3452
Hell(s) (attach additional page if needed):	RATHERFORD UNIT	(OLAVAN)		
Name:_ Name:_ Name:_ Name:_ Name:	**SEE ATTACHED** API: API: API: API: API: API: API: API	Entity: Entity: Entity: Entity: Entity:	SecTwp_ SecTwp_ SecTwp_ SecTwp_ SecTwp_	Rng Lea Rng Lea Rng Lea Rng Lea Rng Lea	ise Type: ise Type: ise Type: ise Type:
OPERATO	OR CHANGE DOCUMENTATION				1
<u>Lec</u> 1.	(Rule R615-8-10) Sundry or other operator (Attach to this form). (feg.			en received	from <u>former</u>
Lec 2.	(Rule R615-8-10) Sundry or other led (Attach to this form). (fig. 8-3143) (field	gal documentation [/9-14-43]	n has been r	eceived from	n <u>ew</u> operator
0	The Department of Commerce has been operating any wells in Utah. Is copies, show company file number:	ompany registere 	d with the	state? (yes/	no) If
Ŋ	(For Indian and Federal Hells ONLY (attach Telephone Documentation Focomments section of this form. Machanges should take place prior to compare the section of the section	nagement review completion of ste	of Federal eps 5 through	and Indian 9 below.	well operator
<u>Lee</u> 5.	Changes have been entered in the Oi listed above. (026 wells 10-6-93) (will	l and Gas Inform <i>Us 10-26-93</i> /	nation System	(Wang/IBM)	for each well
	Cardex file has been updated for each				
Lec. 7.	Well file labels have been updated f	for each well lis	sted above. <i>(o</i>	é 6 weils lo de	93) (WIW'S 10-26-93
<u>fec</u> 8.	Changes have been included on the m for distribution to State Lands and	nonthly "Operator the Tax Commissi	r, Address, ion. <i>(10-6-43</i> 7	and Account	Changes" memo
<u>fec</u> 9.	A folder has been set up for the Opplaced there for reference during ro	perator Change fouting and proces	ile, and a cossing of the	opy of this original do	page has been cuments.

rerator	CHANGE WORKSHEET (CONTINUED) Inicial each item when completed. Write N/A ., item is not applicable.			
NTITY	REVIEW			
<u>Le</u> 1.	(Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/po) (If entity assignments were changed, attach <u>copies</u> of Form 6, Entity Action Form).			
<u>N/A</u> 2.	State Lands and the Tax Commission have been notified through normal procedures of entity changes.			
OND VI	ERIFICATION (Fee wells only)			
jec/1.	(Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.			
2.	A copy of this form has been placed in the new and former operators' bond files.			
_ 3.	The former operator has requested a release of liability from their bond (yes/no) Today's date 19 If yes, division response was made by letter dated 19			
LEASE	INTEREST OHNER NOTIFICATION RESPONSIBILITY			
0(5)	(Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.			
1	Copies of documents have been sent to State Lands for changes involving State leases .			
FILMIN	G			
∠1.	All attachments to this form have been microfilmed. Date:			
FILING				
Lee 1.	Copies of all attachments to this form have been filed in each well file.			
Ha.	The <u>original</u> of this form and the <u>original</u> attachments have been filed in the Operator Change file.			
OMMEN	TS			
931	cole BIA/Bhn Approved 7-9-93.			

E71/34-35

					7	1
	19W-21	43-037-15741	14-20-603-353		NE/NW 660' FNL 1860' FWL	
y	19-22	43-037-31046	14-20-603-353		SE/NW 1840' FNL; 1980' FWL	
		43-037-15742	14-20-603-353	SEC. 19, T41S, R24E	NE/SW 2080' FSL; 1860' FWL	
u	19-31	43-037-31047	14-20-603-353	SEC. 19, T41S, R24E		
4	19-32	43-037-15743	14-20-603-353	SEC. 19, T41S, R24E	SW/NE 1980' FNL; 1980' FEL	
	19-33	43-037-31048	14-20-603-353	SEC. 19, T41S, R24E		
u		43-037-15744	14-20-603-353	SEC. 19, T41S, R24E	SW/SE 660' FSL; 1980' FEL	
V		43-037-15745	14-20-603-353	SEC. 19, T41S, R24E	NE/NE 660' FNL; 660' FEL	
		43-037-30916	14-20-603-353	SEC. 19, T41S, R24E	SE/NE 1880' FNL, 660' FEL	
		43-037-16420	14-20-603-353	SEC. 19, T41S, R24E	NE/SE 1980' FSL; 760' FEL	
1			14-20-603-353	SEC. 19, T41S, R24E	SE/SE 660' FSL; 660' FEL	
J	19-97	43-037-31596	14-20-603-353	SEC. 19, T41S, R24E	2562' FNL, 30' FEL	
	20-11	43-037-31049	14-20-603-353	SEC. 20, T41S, R24E	NW/NW 500' FNL; 660' FWL	
	20-12	43-037-15746	14-20-603-353	SEC. 20, T41S, R24E	1980' FNL, 660' FWL	
	20-13		14-20-603-353	SEC. 20, T41S, R24E	NW/SW 2140' FSL, 500' FWL	
	20-14		14-20-603-353	SEC. 20, T41S, R24E	660' FSL; 660' FWL	
			14-20-603-353	SEC. 20, T41S, R24E	660' FNL; 1880' FWL	
	20-22		14-20-603-353	SEC. 20, T41S, R24E	SE/NW 2020' FNL; 2090' FWL	
N	20W-23	а.	14-20-603-353	SEC. 20, T41S, R24E	NW/SW 2080; 2120' FWL	
	20-24	43-037-30918	14-20-603-353	SEC. 20, T41S, R24E	SE/SW 820' FSL; 1820' FWL	
	20-31	43-037-31050	14-20-603-353	SEC. 20, T41S, R24E	NW/NE 660' FNL; 1880' FEL	
	20-32	43-037-15749	14-20-603-353	SEC. 20, T41S, R24E		
	20-33	43-037-30931	14-20-603-353	SEC. 20, T41S, R24E		
	20-34	43-037-15750	14-20-603-353	SEC. 20, T41S, R24E	660' FSL; 1850' FEL	,
	20W-41		14-20-603-353	SEC. 20, T41S, R24E		-PAId
	20-42	43-037-13751	14-20-603-353	SEC. 20, T415, R24E		•
ا	20-42	43-037-16424	14-20-603-353	SEC. 20, T41S, R24E		
	20-44	43-037-10424	14-20-603-353		SE/SE 620' FSL; 760' FEL	
			14-20-603-353		SW/NW 1221' FWL; 1369' FNL	
	20-66	43-037-31592	14-20-603-355		NW/NW 660' FNL; 660 FWL	
سد	21-11 21-12	43-037-31052		SEC. 21, T415, R24E		
7	21-12	43-037-15752	14-20-603-355		NW/SW 2030' FSL; 515' FWL	
٢	21-13 21-14	43-037-30921	14-20-603-355		SW/SW 660' FSL; 460' FWL	
			14-20-603-355		NE/NW 660' FNL; 2030' FWL	
		43-037-16425	14-20-603-355		SW/NE 1880' FNL; 1980' FEL	
١	21-32	43-037-15755	14-20-603-355	SEC. 21, 1413, R24E		
	21 33 21-34	NA 43-037-15756	14-20-603-355 14-20-603-355	SEC. 21, T415, R24E	CALLACE ARAL FRI. 1000! FEI	,
i	21W-41	43-037-16426	14-20-603-355	SEC. 21, T41S, R24E	660' FNL; 810' FEL -	- PAIOL
		43-037-16427	14-20-603-355		NE/NE 1000' EST - 660' EST	ł
	24-11	43-037-15861	14-20-603-247A	SEC. 24, T41S, R24E	510' FNL; 810' FWL	-PAID
	24W-21	43-037-16429	14-20-603-247	SEC. 24, T41S, R24E		PAIL
		43-037-16430	14-20-603-247	SEC. 24, T41S, R24E		,,, oc
		4 3-037-15862	14-20-603-247A	SEC. 24, T41S, R24E		
	24-32	43-037-31593	14-20-603-247A		SW/NE 2121' FNL; 1846' FEL	
		43-037-31132	14-20-603-247A	SEC. 24, T41S, R24E	NE/NE 660' FNL; 710' FEL	
U	24-41	43-037-15863	14-20-603-247A	SEC. 24, T41S, R24E	660' FSL; 1980' FNL	
	28-11	43-037-19805 43-037-3044 6	14-20-603-409		NW/NW 520' FNL; 620' FWL	
	28-12	43-037-30446	14-20-603-409B	SEC. 28, T415, R24E	SW/SE/NW 2121' FNL; 623' FWL	
	29-12 29-11		14-20-603-4098	SEC. 29, T415, R24E	NW/NW 770' FNL; 585' FWL	
		43-037-31053 43-037-16432	14-20-603-407	SEC. 29, T415, R24E	NE/NW 667' FNL; 2122' FWL	
	29W-21 3 29-22		14-20-603-407	SEC. 29, T415, R24E	SE/NW 2130' FNL; 1370' FWL	ĺ
		43-037-31082	14-20-603-407	SEC. 29, T415, R24E	NE/SW 1846' FSL; 1832' FWL	
		43-037-15338		SEC. 29, T415, R24E	NW/NE 700' FNL; 2140' FEL	
	29-31	43-037-30914 43-037-15339	14-20-603-407 14-20-603-407	SEC. 29, 1415, R24E	1951' FNL; 1755' FEL	
	29-32				NW/SE 1860' FSL; 1820' FEL	
	29-33	43-037-30932	14-20-603-407	SEC. 29, T41S, R24E	817 FSL; 2096' FEL	
L	29-34	43-037-15340	14-20-603-407	SEC. 29, T41S, R24E	557' FNL; 591' FEL	i
1	29W-41	43-037-16433	14-20-603-407	SEC. 29, T41S, R24E		1
L	29W-42	43-037-30937	14-20-603-407	SEC. 29, T41S, R24E	SE/NE 1850' FNL; 660' FEL	ł
		43-037-16434	14-20-603-407	SEC. 29, T41S, R24E	NE/SE 1980' FSL; 660' FEL	
		43-037-16435	14-20-603-407	SEC. 30, T41S, R24E	660' FNL; 1920' FWL	1
	30-32	43-037-15342	14-20-603-407		SW/NE 1975' FNL; 2010' FEL	ł
	30W-41	43-037-15343	14-20-603-407	SEC. 30, T41S, R24E	NE/NE 660' FNL; 660' FEL	
	9-34	NA 4303715711	NA 14206034043	NA Sec. 9, T. 415, P. 24E	NA SWSE 660'FSL 1980 FEL -	1
	12-43	43-307-31202	14-20-603-246	SEC. 12. T41S. R23E		1
		43-037-15847	14-20-603-246		661' FNL;, 1981' FEL	{
		43-037-15853	14-20-603-247	SEC. 13, T41S, R23E	SE/SW 660' FSL;3300'FEL	1
		43-037-16412	14-20-603-355	SEC. 15, T41S, R24E	2140' FSL;1820' FWL	1
ì	17-24	43-037-31044	14-20-603-353		SE/SW 720' FSL; 1980' FWL	1
	18-13	43-037-15734	14-20-603-353	SEC. 18, T41S, R24E	NW/NW 1980' FSL;500' FWL	-
ι	18W32	43-037-15736	14-20-603-353	SEC. 18, T41S, R24E	SW/NE2140'FNL;1830' FEL	-
	20-68	43-037-31591	14-20-603-353	SEC. 20, T41S, R24E	NW/SW 1276' FWL;1615' FSL	4
	21-23	43-037-13754			NE/SW 1740 FSL 1740 FWL	1
,	28W21	43-037 16431	14-20-603-409	SEC.29, T41S, R24E	660' FNL; 2022' FWL	J

STATE OF UTAH DIVISION OF OIL, GAS AND MINING 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

Page 15 of 22

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:	···		UTAŁ	I ACCOUNT NUMBE	N7370	
C/O MOBIL OIL CORP M E P N A PO DRAWER G CORTEZ CO 81321				RT PERIOD (MONTH	Highlight Changes)	;
ell Name	Producing	Well	Days		Production Volumes	
PI Number Entity Location	Zone	Status	Oper	OIL(BBL)	GAS(MCF)	WATER(BBL)
#18-13 4303715734 06280 41S 24E 18	PRDX	-				
#19-12 4303715739 06280 41S 24E 19	PRDX				÷	
#19-14 4303715740 06280 41S 24E 19	DSCR					
RATHERFORD UNIT 19-32 (RE-ENTRY) 4303715743 06280 41S 24E 19	DSCR			,		
RATHERFORD UNIT 19-34 (RE-ENTRY) 4303715744 06280 415 24E 19	DSCR					
RATHERFORD 20-12 (RE-ENTRY) 4303715746 06280 41S 24E 20	DSCR.					
THERFORD UNIT 20-14 (RE-ENTR - 03715747 06280 415 24E 20	DSCR					
RATHERFORD UNIT 20-32 (RE-ENTRY) 4303715749 06280 41S 24E 20	DSCR					
RATHERFORD 20-34 (RE-ENTRY) 4303715750 06280 41S 24E 20	DSCR					
#21-12 4303715752 06280 41S 24E 21	DSCR					
RATHERFORD UNIT 21-14 (RE-ENTR) 4303715753 06280 41S 24E 21	DSCR					
#21-32 4303715755 06280 41S 24E 21 #21-34	DSCR					
#21-34 4303715756 06280 41S 24E 21	DSCR					
			TOTALS			
MMENTS:						
MMENTS:					• • • • • • • • • • • • • • • • • • • •	
					· · ········	
. by certify that this report is true and complete to	the best of my	y knowledge	•	D	ate:	
ne and Signature:					Telephone Number:	

Division of Oil, Gas and Mining PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to: [] Well File (Location) SecTwpRng_ (API No.)		XXX Other OPER NM CHG
1. Date of Phone Call: 8-3-95		
2. DOGM Employee (name) L. Talked to: Name R. J. FIRTH	CORDOVA	
of (Company/Organization)		
3. Topic of Conversation: ME	P N A / N7370	
		,
OPERATOR NAME IS BEING CHANGE NORTH AMERICA INC) TO MOBIL E THIS TIME TO ALLEVIATE CONFUS	XPLOR & PROD. THE NAME CH	ANGE IS BEING DONE AT
*SUPERIOR OIL COMPANY MERGED	INTO M E P N A 4-24-86 (SE	E ATTACHED).
	•	

	n of Oil, Gas and Mining FOR CHANGE WORKSHEET			Routing
	all documentation received by the division reach listed item when completed. Write N/A	- ,-	able.	1-LVC 7-PL/ 2-LWP 8-SJ 3-PT3/9-FILE 4-VLC
	nge of Operator (well sold) ignation of Operator	☐ Designation of XXX Operator Name	Agent Change Only	5-RJF 6-LWP
The op	erator of the well(s) listed below	has changed (EFFE	CTIVE DATE: 8-2-	-95
TO (ne	w operator) MOBIL EXPLOR & PROD (address) C/O MOBIL OIL CORP PO DRAWER G CORTEZ CO 81321 phone (303) 564-5212 account no. N7370		CORTE phone	
) (attach additional page if needed):			
Name: Name: Name: Name:	** SEE ATTACHED ** API:	Entity: Entity: Entity: Entity: Entity: Entity:	SecTwpRng SecTwpRng SecTwpRng SecTwpRng SecTwpRng	gLease Type: gLease Type: gLease Type: gLease Type:
N/A 1.	OR CHANGE DOCUMENTATION (Rule R615-8-10) Sundry or other operator (Attach to this form). (Rule R615-8-10) Sundry or other 10 (Attach to this form).			
	The Department of Commerce has been operating any wells in Utah. Is yes, show company file number:	company registered	d with the state	? (yes/no) If
<u>VA</u> 4.	(For Indian and Federal Hells ONL (attach Telephone Documentation F comments section of this form. M changes should take place prior to	anagement review	of Federal and	Indian well operator
	Changes have been entered in the 0° listed above. (8-3-95)			g/IBM) for each well
•	Cardex file has been updated for ea			
Lec 8.	Well file labels have been updated Changes have been included on the for distribution to State Lands and	monthly "Operator	, Address, and Ad	ccount Changes" memo
Lico.	A folder has been set up for the O placed there for reference during r	perator Change fi outing and process	le, and a copy of sing of the origi	this page has been nal documents.

OPERATOR	CHANGE WORKSHEET (CONTINUED) Initial each item when completed. Write N/A if item is not applicable.
ENTITY	
	(Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (If entity assignments were changed, attach <u>copies</u> of Form 6, Entity Action Form).
	State Lands and the Tax Commission have been notified through normal procedures of entity changes.
BOND VE	RIFICATION (Fee wells only) * No Fee Leese Wells at this time!
N/A/ 1.	(Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2.	A copy of this form has been placed in the new and former operators' bond files.
3.	The former operator has requested a release of liability from their bond (yes/no) Today's date 19 If yes, division response was made by letter dated 19
LEASE I	NTEREST OWNER NOTIFICATION RESPONSIBILITY
1 1. 8/5-/25	(Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
<u>4/4</u> 2. (Copies of documents have been sent to State Lands for changes involving State leases.
FILMING	
/1. /	All attachments to this form have been microfilmed. Date: October 6 1995.
FILING	
1. 9	Copies of all attachments to this form have been filed in each well file.
	The <u>original</u> of this form and the <u>original</u> attachments have been filed in the Operator Change file.
COMMENT: 95080	s 13 UIC F5/Not necessary!

WE71/34-35

Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Completion or Recompletion Report and Log form.)

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

NAVAJO TRIBAL

14-20-603-355

SUBMIT	IN TRIPLICATE	RATHERFORD UNIT
1. Type of Well X Oil Gas Well Other 2. Name of Operator MOBIL PRODUCING TX & NM		8. Well Name and No. RATHERFORD 21-12
*MOBIL EXPLORATION & PR 3. Address and Telephone No. P.O. Box 633, Midland TX 79702	ODUCING US INC. AS AGENT FOR MPTM (915) 688-2585	9. API Well No. 43-037-15752 10. Field and Pool, or exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey De SEC. 21, T41S, R24E 2080' FNL & 660' FEL	scription)	GREATER ANETH 11. County or Parish, State SAN JUAN UT
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPOR	
TYPE OF SUBMISSION	TYPE OF ACTIO	N
Notice of Intent Subsequent Report Final Abandonment Notice	Abandonment Recompletion Plugging Back Casing Repair Altering Casing X Other P&A PROCEDURE	Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well

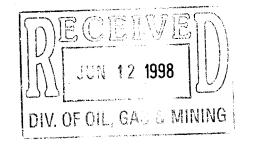
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEE ATTACHED PLUG & ABANDONMENT PROCEDURE.

Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY

Federal Approval of this Action is Necessary

COPY SENT TO OPERATOR Date: 10 PM



	11 1117					
14. I hereby certify that the foregoing is true and correspond Signed	ect	for	Title	SHIRLEY HOUCHINS/ENV & REG TECH	Date	6-9-98
(This space for Federal or State office use)	1					
Approved by Conditions of approval, if any:			Title		Date	

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Ratherford Unit #21-12

Plug & Abandonment Procedure

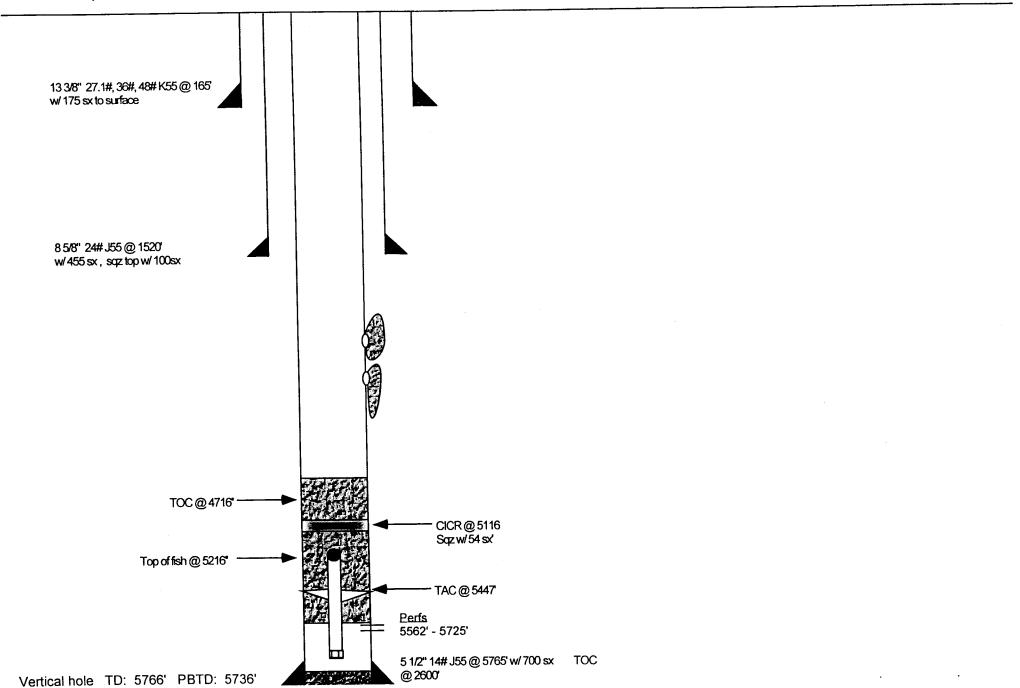
The objective of this operation is to plug & abandon the 21-12 wellbore as per BLM requirements.

- 1. Notify BLM and Navajo EPA 48 hours prior to plugging.
- 2. MIRU PU. ND wellhead. NU BOP. Pressure test BOPs.
- 3. RIH w/ 4 3/4" bit + ws and clean out to PBTD. POOH
- 4. RIH w/ ws. Tag Cmt @ 4716'. Circ hole clean.
- 5. PUH and spot 35 cu ft (250') plug across Hermosa formation.
- 6. POOH ws. RU wireline. Perf casing from 1610' 1620' w/ 4 jspf.
- 7. RD WL. RIH w/ cement retainer + ws to 1520'. Set retainer. Test backside to 200#. Est injection rate thru perfs. Squeeze backside from 1620' to surface (w/ 100% excess). Pull out of retainer and reverse out.
- 8. RIH w/ ws and top fill casing to retainer @ 1520'.
- 9. If casing strings above ground, cut off and fill all strings w/ cement.
- 10. Weld on steel plate. Stamp on required P&A information.
- 11. ND BOP. NU WH. RDMO.

2080' FNL 660' FWL S-21 T41S R24E San Juan Co., Utah

Ratherford Unit 21-12 Current Wellbore

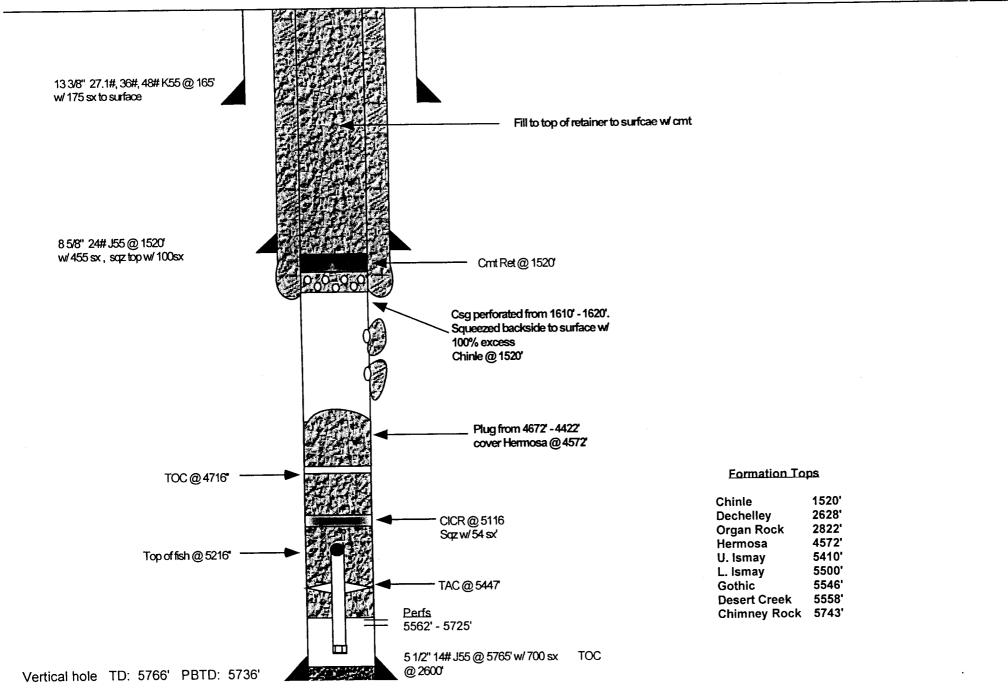
YPO: 6/08/98 KB: 4775' GL: 4764'



2080' FNL 660' FWL S-21 T41S R24E San Juan Co., Utah

Ratherford Unit 21-12 Proposed Wellbore

YPO: 6/08/98 KB: 4775' GL: 4764'



Form 3160-5 (June 1990)

12.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

A۷	AJU.	TRIBAL

14-20-603-355

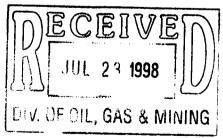
SUBMIT IN TRIPLICATE	7. If Unit or CA, Agreement Designation RATHERFORD UNIT
1. Type of Well X Oil Gas Well Other	8. Well Name and No. RATHERFORD 21-12
2. Name of Operator MOBIL PRODUCING TX & NM INC.* *MOBIL EXPLORATION & PRODUCING US INC. AS AGENT FOR MPTM	9. API Well No.
3. Address and Telephone No. P.O. Box 633, Midland TX 79702 (915) 688-2585	43-037-15752 10. Field and Pool, or exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SEC. 21, T41S, R24E	GREATER ANETH 11. County or Parish, State
2080' FNL & 660' FEL	SAN JUAN UT

TYPE OF SUBMISSION	TYPE OF ACTION			
X Notice of Intent	Abandonment	Change of Plans		
	Recompletion	New Construction		
Subsequent Report	Plugging Back	Non-Routine Fracturing		
	Casing Repair	Water Shut-Off		
Final Abandonment Notice	Altering Casing	Conversion to Injection		
	Other 96 WORKOVER/TA'D	Dispose Water		
		(Note: Report results of multiple completion		

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

2-17-96 SET CICR @ 5116', SET PKR @ 3410', INSTALL PRESSURE GAUGES. MONITOR PRESSURES WHILE ACIDIZING RATH 21-67. POOH W/PKR. STING INTO CICR. SQZ W/54 SXS CMT. SPOT 50 SXS ON TOP OF CICR. (400' CMT ABOVE RETAINER). CONTINUE TO MONITOR PRESSURE TBG & CSG PRESSURE OK. LOAD CSG W/F.W. POOH TBG. TA WELL





·		<u> </u>	
14. I hereby certify that the foregoing is true and correspond		OUCHINS/ENV & REG TECH	Date 7-20-98
(This space for Federal or State office use)	Title		Date
Approved by Conditions of appracepted by t	he		Date
Utah Division			
Title 18 U.S.C. SCH 10 Gass and Miles	knowingly and willfully to make to	any department or agency of the United Sta	tes any false, fictitious or fraudulent statements

^{13.} Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

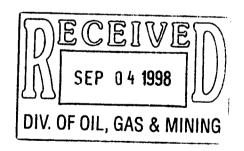
Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993

BUREAU OF L	AND MANAGEMENT	5. Lease Designation and Serial No.		
Do not use this form for proposals to drill of	D REPORTS ON WELLS or to deepen or reentry to a different reservoir. PERMIT - " for such proposals	14-20-603-355 6. If Indian, Allottee or Tribe Name NAVAJO TRIBAL		
SUBMIT	IN TRIPLICATE	7. If Unit or CA, Agreement Designation RATHERFORD UNIT		
1. Type of Well X Oil	I INC.* RODUCING US INC. AS AGENT FOR MPTM	8. Well Name and No. RATHERFORD 21-12 9. API Well No.		
3. Address and Telephone No.		43-037-15752		
P.O. Box 633, Midland TX 79702	(915) 688-2585	10. Field and Pool, or exploratory Area		
4. Location of Well (Footage, Sec., T., R., M., or Survey De	scription)	GREATER ANETH		
SEC. 21, T41S, R24E 2080' FNL & 660' FEL		11. County or Parish, State SAN JUAN UT		
2. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTI	ON		
Notice of Intent	X Abandonment Recompletion	Change of Plans New Construction		
X Subsequent Report	Plugging Back	Non-Routine Fracturing		
Final Abandonment Notice	Casing Repair Altering Casing Other	Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)		

SEE ATTACHED 8-21-98--8-25-98 PLUG & ABANDONMENT COMPLETE.



14. I hereby certify that the foregoing is true and correct Signed	Title	SHIRLEY HOUCHINS/ENV & REG TECH	Date 9-02-98
(This space for Federal or State office use) Approved by Conditions of approval, if any:	Title		Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

ATTACHMENT - FORM 3160-5 RATHERFORD UNIT 21-12 14-20-603-355 NAVAJO TRIBAL SAN JUAN, UTAH

08-21-98	NOTIFIED NAVAJO EPA OF INTENT TO P&A WELL ON 8-21-98 @ 12:29,
	TALKED TO PRESTENE GARNENEZ , INFORMED OF INTENT TO DIG & LINE
	GROUND PIT. OK. TALKED TO WAYNE TOWNSEND @ BLM, INFORMED OF
	INTENT TO P&A WELL. OK. MIRU NAVAJO WEST RIG #36. NDPD
	WELLHEAD, WH PRESSURE @ 14:30 WAS 0 PSI., RU PUMP, PIT & FLOW
	LINES. 5 1/2" CASING ANN. PRESSURE OF 0 PSI. NDPL, RU NIPPLES &
	VALVES TO CSG ANN. SIFN.
08-22-98	SIP @ 7:30 WAS 0 PSI. PICK-UP & RIH W/2 7/8" OETBG. TO 4375.04, TAG UP ON
08-22-98	FILL. RU & CIRC. OUT FILL F/4375.04' TO 4380'. COULD NOT ADVANCE. RU &
	TEST CSG TO 500 PSI. OK. CIRC. HOLE W/WTR. DOWELL MIX & PUMP 35 SXS
	OF CLASS 'B' NEAT CMT. PLUG. F/4380-4130' @ 15.6 PPG., 1.13 YEILD, 6.1
	BBLS CMT. DISPLACE W/FRESH WTR. POH LD 2 7/8" TBG F/4380-4120'. RU &
	REVC. OUT CMT. RECV, CLEAN, RECV. TRACE OF CMT. RD DOWELL. POOH
	LD WORKSTRING F/4120-1510'. FIN. OUT OF HOLE IN STANDS. SIFN. (KEVIN
	J. SCHNEIDER W/NEW MEXICO BLM ON LOCATION THROUGH-OUT JOB.
20.24.20	SICP @ 7:30 WAS 0 PSI,MIRU SCHLUMBERGER PERF UT. RIH W/4" CSG GUN
08-24-98	TO 4092', TAG TOP OF CMT. PLUG. POH TO 1610', PERF 5 1/2" CSG F/1610-
	1614' W/16 JET SHOTS. RD SCHLUMBERGER PERF UT., PICK-UP 5 1/2" CMT
	1614 W/16 JET SHUTS, RD SCHLUMBERGER FERT OT., FICK-OT 5 1/2 CMT
	RET, RUN ON 2 7/8" TBG TO 1503.59", SET CMT RET. RU & TEST TBG TO 1000
	PSI. OK. RU DOWELL, MIX & PUMP 219 SXS OF 65/35 POZ LIGHT CLASS 'G'
	CMT. + 6% GEL + 2% CACL2 AROUND 5 1/2" x 8 5/8" CSG ANN. DISPLACE
	W/FRESH WTR TO CMT RET. WO DOWELL CMT PUMP TRUCK. RIH W/OPEN
	END 2 7/8" TBG TO 1503.59. RU DOWELL CMT UT. DOWELL MIX & PUMP 144
	SXS OF 65/35 POZ LIGH CLASS 'G' CMT + 6% GEL + 2% CACL2 F/1503.59-TO
	SURFACE. POOH & LD TBG PUMP, TOP OUT 5 1/2" CSG TO SURFACE. SIFN.
08-25-98	ND BOPE. CUT OF 8 5/8" CSG, CHIP AWAY CMT. WELD ON P&A MARKER @
	GROUND LEVEL (5 1/2" x 8 5/8" CSG ANN CMT TOP @ SURF, 5 1/2" CMT TOP
	@ SURFACE). RDMO NAVAJO WEST RIG #36. FINAL P&A REPORT.